

ABSTRACT OF THE DISCLOSURE

An observation window for a chamber exposed to microwaves, having a support frame and at least one transparent cover plate affixed thereto for closing off the chamber. The at least one cover plate is covered on at least one side with a metallic screen which is impenetrable to microwaves. The screen is movably seated with respect to the support frame and, to increase the ability to view through it, the screen can be put into motion by a drive mechanism.